

HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P. O. Box 272400  
Fort Collins, Colorado 80527-2400



PATENT APPLICATION #2  
ATTORNEY DOCKET NO. 10017759-1 BT  
4-29-02

IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Huitao Luo

Application No.: 10/080,890

Filing Date: Feb 22, 2002

Title: SYSTEMS AND METHODS FOR PROCESSING A DIGITAL IMAGE

Confirmation No.:

Examiner:

Group Art Unit:

COMMISSIONER FOR PATENTS  
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

RECEIVED

MAR 2 9 2002

Technology Center 2600

Sir:

This Information Disclosure Statement is submitted:

- (X) under 37 CFR 1.97(b), or  
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- ( ) under 37 CFR 1.97 (c) together with either a:  
( ) Statement under 37 CFR 1.97(e), or  
( ) a \$180.00 fee under 37 CFR 1.17(p), or  
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- ( ) under 37 CFR 1.97 (d) together with a:  
( ) Statement under 37 CFR 1.97(e), and  
( ) a petition under 37 CFR 1.97(d)(2), and  
( ) a \$180.00 petition fee set forth in 37 CFR 1.17(p).  
(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

Please charge to Deposit Account 08-2025 the sum of \$0.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25.

(X) Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Citation together with copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

( ) A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231.

Date of Deposit: March 18, 2002

Typed Name: Shelley White

Signature: *Shelley White*

Respectfully submitted,

Huitao Luo

By

*Michael A. Papalas*  
Michael A. Papalas

Attorney/Agent for Applicant(s)  
Reg. No. 40,381

Date: March 18, 2002

Telephone No.: (214) 855-8186



## PATENT APPLICATION

Sheet 1 of 2

FORM PTO-1449

LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE  
STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.

10017759-1

APPLICATION NO.

CONFIRMATION NO.

APPLICANT

Huitao Luo

FILING DATE

Feb 22, 2002

GROUP

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
	1A				
	1B				
	1C				
	1D				
	1E				
	1F				
	1G				
	1H				
	1I				
	1J				
	1K				

RECEIVED  
MAR 28 2002  
Technology Center 2600

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	TRANSLATION	
						YES	NO
	1L						
	1M						
	1N						
	1O						
	1P						

## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

1Q	Moroney, Nathan. "Local Color Correction Using Non-Linear Masking," IS&T/SID Eighth Color Imaging Conference. (2000) pp. 108-111.
1R	Larson, Gregory W. et al. "A Visibility Matching Tone Reproduction Operator for High Dynamic Range Scenes," Regents of University of California. (January 15, 1997) pp. 1-35.
1S	Chiu, K. et al. "Spatially Nonuniform Scaling Functions for High Contrast Images," Proceedings of Graphic Interface. (May 1993) pp. 1-9.

EXAMINER

DATE CONSIDERED



**PATENT APPLICATION**  
Sheet 2 of 2

Form PTO-1449

**LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE  
STATEMENT**

(Use several sheets if necessary)

ATTY. DOCKET NO.

10017759-1

APPLICATION NO. CONFIRMATION NO.

APPLICANT

Huitao Luo

FILING DATE

Feb 22, 2002

GROUP

**REFERENCE DESIGNATION**

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
	2A				
	2B				
	2C				
	2D				
	2E				
	2F				
	2G				
	2H				
	2I				
	2J				
	2K				

RECEIVED

MAR 29 2002

Technology Center 2600

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	TRANSLATION	
						YES	NO
	2L						
	2M						
	2N						
	2O						
	2P						

**OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)**

2Q	Rowley, H.A. et al. "Neural Network-Based Face Detection," PAMI. (January 1998) pp. 1-27.
2R	Heijmans, H. "Mathematical Morphology: A Modern Approach in Image Processing Based on Algebra and Geometry," SIAM Review, Vol. 37, No. 1. (March 1995) pp. 1-36.
2S	Peters, II R. A. "A New Algorithm for Image Noise Reduction using Mathematical Morphology," IEEE Transactions on Image Processing, Vol. 4, No. 3. (May 1995) pp. 1-30.

EXAMINER

DATE CONSIDERED